News

From Air-Conditioning and Refrigeration Institute • 1815 N. Fort Myer Drive, Arlington, Virginia 22209
For further information contact: Susan Queeney (703) 524-8800 Telex: 89-2351

NEWS RELEASE

FOR IMMEDIATE RELEASE NOVEMBER 15, 1982

ARI ANNOUNCES AUGUST UNITARY SHIPMENTS

ARLINGTON, VIRGINIA -- August U.S. Shipments of unitary air conditioners and heat pumps were 138,587. This was a decrease of 18.5% from August, 1981. Year-to-date shipments were 1,337,168, down 26.3% as compared to January - August figures a year ago.

Included in the total figures were August shipments of heat pumps which were 24,965. This is a decrease of 22.0% compared to shipments in August, 1981. The cumulative shipments for heat pumps for the first 8 months of 1982 were 250,511. This is a decrease of 30.3% from the same period of 1981.

August factory stocks are down 55,000 units from July and are up about 37,000 units compared to August, 1981.

August distributor shipments were down 6.0% from August a year ago. The year-to-date shipments are down 24%.

Distributor inventories are down 39,000 units compared to July and are down some 23,000 units from August, 1981.

August U.S. dollar bookings of hermetic centrifugals were down 42%, thus making the year-to-date down 20% compared with 1981.

August U.S. dollar bookings of reciprocating liquid chillers were down 33% with a year-to-date gain of 5%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date AUGUST , 1982

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			% CHGE FROM 1981
			CONDENSER-TYPE		U.S. TOTAL C	
			AIR OR EVAP. COOLED A .	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		1783		1783	6.9+
	16.5-21.9		14625	14	14639	20.0+
	22-26.9		25540	2	25542	21.6-
	27-32.9		22992	9	23001	25.9-
	33-38.9		28211	53	28264	33.0-
	39-43.9		10413	11	10424	26.4-
	44-53.9		13410	1	13411	11.4-
	54-64.9		13655	101	13756	2.4+
	65-96.9		2787	52	2839	7.6-
	97-134.9		2237	54	2291	1.0+
	135-184.9		1342	37	1379	20.2+
	185-249.9		415	11	426	1.4+
	250-319.9		282	25	307	8.9+
	320-379.9		148	22	170	54.5+
	380-539.9		166	16	182	78.4+
	540-639.9		82	1	83	93.0+
	640 and over		90		90	1.1-
	TOTAL		138178	409	138587	18.5-

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NEWS RELEASE

FOR IMMEDIATE RELEASE NOVEMBER 15, 1982

ARI ANNOUNCES SEPTEMBER UNITARY SHIPMENTS

ARLINGTON, VIRGINIA -- September U.S. shipments of unitary air conditioners and heat pumps were 119,412. This was a decrease of 19.9% from September, 1981. Year-to-date shipments were 1,456,580, down 25.8% as compared to January - September figures a year ago.

Included in the total figures were September shipments of heat pumps which were 25,473. This is a decrease of 26.1% compared to shipments in September, 1981. The cumulative shipments for heat pumps for the first 9 months of 1982 were 275,984. This is a decrease of 30.0% from the same period of 1981.

September factory stocks are down 11,000 units from August and are down about 49,000 units compared to September, 1981.

September distributor shipments were up 6% over September a year ago. The year-to-date shipments are down 21%.

Distributor inventories are down 30,000 units compared to August and are down some 61,000 units from September, 1981.

September U.S. dollar bookings of hermetic centrifugals were down 21%, thus making the year-to-date down 20% compared with 1981.

Setpember U.S. dollar bookings of reciprocating liquid chillers were down 15% with a year-to-date gain of 3%.

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Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date SEPT., 1982

	SIZE BTUH (000)		UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A.	WATER COOLED B	U.S. TOTAL C	% CHGE FROM 1981
CONDENSED SUMMARY BY SIZE	Under 16.5		1627		1627	26.9-
	16.5-21.9		12950	16	12966	5.0+
	22-26.9		23480	3	23483	19.5-
	27-32.9		19485	8	19493	21.6-
	33-38.9		24212	48	24260	25.2-
	39-43.9		8525	17	8542	23.0-
	44-53.9		11052		11052	26.2-
	54-64.9		10766	61	10827	21.9-
	65-96.9		2643	58	2701	14.3-
	97-134.9		2022	34	2056	14.3-
	135-184.9		1210	19	1229	3.2-
	185-249.9		300	37	337	28.3-
	250-319.9		263	31	294	12.0-
	320-379.9		161	9	170	5.0-
	380-539.9		121	8	129	23.7-
	540 639.9		84	16	100	49.3+
	640 and over		131	15	146	47.5+
	TOTAL		119032	380	119412	19.9-

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FOR IMMEDIATE RELEASE DECEMBER 8, 1982

ARI ANNOUNCES OCTOBER UNITARY SHIPMENTS

October U. S. shipments of unitary air-conditioners and heat pumps were 125,679. This was a decrease of 17.4% from October, 1981. Year-to-date shipments were 1,582,259, down 25.2% as compared to January-October figures a year ago.

Included in the total figures were October shipments of heat pumps which were 32,298. This is a decrease of 21.4% compared to shipments in October, 1981. The cumulative shipments for heat pumps for the first 10 months of 1982 were 308,282. This is a decrease of 29.2% from the same period of 1981.

October factory stocks are up 12,600 units over September and are down about 76,700 units compared to October, 1981.

October distributor shipments were down 3% from October a year ago. The year-to-date shipments are down 20%.

Distributor inventories are down 17,700 units compared to September and are down some 84,000 units from October, 1981.

October U. S. dollar bookings of hermetic centrifugals were up 7%, thus making the year-to-date up 18% compared with 1979.

October U. S. dollar bookings of reciprocating liquid chillers were down 15% with a year-to-date gain of 1%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date Oct., 1982

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE		U.S. TOTAL C	% CHGE FROM 1981
			AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		2792		2792	21.4+
	16.5-21.9		15731	13	15744	5.4-
	22-26.9		26810	4	26814	11.0-
	27-32.9		18892	7	18899	28.2-
	33-38.9		24611	43	24654	21.1-
	39-43.9		8816	12	8828	21.0-
	44-53.9		9407		9407	27.5-
	54-64.9		10546	117	10663	18.4-
	65-96.9		3094	59	3153	1.6-
	97-134.9		2066	52	2118	4.0-
	135-184.9		1065	45	1110	18.2-
	185-249.9		521	47	568	2.9-
	250-319.9		290	13	303	6.7+
	320-379.9		174	4	178	16.8-
	380-539.9		151	10	161	11.5-
	540-639.9		104	18	122	.0
	640 and over		155	10	165	42.2+
	TOTAL		125225	454	125679	17.4-

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NEWS RELEASE

FOR IMMEDIATE RELEASE
JANUARY 14, 1983

ARI ANNOUNCES NOVEMBER UNITARY SHIPMENTS

ARLINGTON, VIRGINIA -- November U. S. shipments of unitary air-conditioners and heat pumps were 121,577. This was a decrease of 3.6% from November 1981. Year-to-date shipments were 1,703,836, down 24.0% as compared to January-November figures a year ago.

Included in the total figures were November shipments of heat pumps which were 33,850. This is an increase of 3.2% compared to shipments in November 1981. The cumulative shipments for heat pumps for the first 11 months of 1982 were 342,132. This is a decrease of 26.9% from the same period of 1981.

November factory stocks are up 8,000 units over October and are down about 88,000 units from November, 1981.

November distributor shipments were 4% over November a year ago. The year-to-date shipments are down 19%.

Distributor inventories are down 4,000 units compared to October and are down some 93,000 units from November, 1981.

November U. S. dollar bookings of hermetic centrifugals were up 44%, thus making the year-to-date down 13% compared with 1981.

November U. S. dollar bookings of reciprocating liquid chillers were up 72% with a year-to-date gain of 5%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Date NOV., 1982

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE		U.S. TOTAL C	%CHGE. FROM 1981
			AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		3087		3087	155.1+
	16.5-21.9		18016	5	18021	22.3+
	22-26.9		26244	2	26246	6.3+
	27-32.9		19346		19346	5.8-
	33-38.9		22121	47	22168	12.8-
	39-43.9		8050	14	8064	15.5-
	44-53.9		8579		8579	18.6-
	54-64.9		9571	90	9661	22.9-
	65-96.9		2323	59	2382	2.7-
	97-134.9		1765	63	1828	10.2-
	135-184.9		1126	30	1156	5.7-
	185-249.9		398	3-	395	7.6+
	250-319.9		189	30	219	19.8-
	320-379.9		122	25	147	16.0-
	380-539.9		116	1	117	33.1-
	540-639.9		68	12-	56	39.8-
	640 and over		103	2	105	12.5-
	TOTAL		121224	353	121577	3.6-

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NEWS RELEASE

FOR IMMEDIATE RELEASE

MARCH 4, 1983

ARI ANNOUNCES DECEMBER UNITARY SHIPMENTS

ARLINGTON, VIRGINIA -- December U.S. shipments of unitary air-conditioners and heat pumps were 157,407. This was an increase of 24.1% over December, 1981. Year-to-date shipments were 1,861,243, down 21.4% as compared to January-December figures a year ago.

Included in the total figures were December shipments of heat pumps which were 41,383. This is an increase of 12.4% compared to shipments in December, 1981. The cumulative shipments for heat pumps for full year 1982 were 383,515. This is a decrease of 24.0% from the same period of 1981.

December factory stocks are down 33,000 units from November and are down about 124,000 units compared to December, 1981.

December distributor shipments were up 4% over December a year ago. The year-to-date shipments are down 19%.

Distributor inventories are down 1,000 units compared to November and are down some 26,000 units from December, 1981.

December U.S. dollar bookings of hermetic centrifugals were down 42%, thus making the year-to-date down 18% compared with 1981.

December U.S. dollar bookings of reciprocating liquid chillers were up 5% with a year-to-date gain of 5%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date DEC., 1982

UNITED STATES

	SIZE BTUH (000)	NUMBER OF UNITS			% CHGE. FROM 1981
		CONDENSER-TYPE		U.S. TOTAL C	
		AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5	4987		4987	215.2+
	16.5-21.9	23365	12	23377	70.7+
	22-26.9	33257	6	33263	30.5+
	27-32.9	27474	2	27476	35.3+
	33-38.9	28645	53	28698	3.6+
	39-43.9	9878	15	9893	19.5+
	44-53.9	10592		10592	0.9-
	54-64.9	11200	88	11288	5.8-
	65-96.9	2626	49	2675	3.7-
	97-134.9	2143	40	2183	2.5+
	135-184.9	1486	37	1523	24.2+
	185-249.9	496	15	511	21.1-
	250-319.9	334	22	356	17.5+
	320-379.9	160	30	190	5.5-
	380-539.9	166	9	175	14.4+
	540-639.9	75	3	78	38.6-
	640 and over	139	4	142	.7+
	TOTAL	157022	385	157407	24.1

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FOR IMMEDIATE RELEASE MARCH 17, 1983

ARI ANNOUNCES JANUARY UNITARY SHIPMENTS

ARLINGTON, VIRGINIA -- January U.S. shipments of unitary air-conditioners and heat pumps were 155,646. This was an increase of 21.6 over January, 1982.

Included in the total figures were January shipments of heat pumps which were 34,718. This is an increase of 23.2% compared to shipments in January 1982.

January factory stocks are up 20,000 units over December and are down about 74,000 units from January 1982.

January distributor shipments were up 41% over January a year ago.

Distributor inventories are down 9,000 units compared to December and are down some 47,000 units from January 1982.

January U.S. dollar bookings of hermetic centrifugals were up 9%.

January U.S. dollar bookings of reciprocation liquid chillers were up 42%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JANUARY, 1983

UNITED STATES

	SIZE BTUH (000)	NUMBER OF UNITS			
		CONDENSER-TYPE		U.S. TOTAL C	% CHGE. FROM 1982
		AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5	3735		3735	247.1+
	16.5-21.9	19996		19996	48.2+
	22-26.9	35190	1	35191	36.9+
	27-32.9	28048	5	28053	21.4+
	33-38.9	30247	31	30278	7.9+
	39-43.9	9811		9811	11.3+
	44-53.9	11232		11232	.2-
	54-64.9	11340	75	11415	7.6+
	65-96.9	2281	41	2322	.7-
	97-134.9	1596	21	1617	4.3+
	135-184.9	987	25	1012	1.4+
	185-249.9	324	9	333	14.0+
	250-319.9	171	21	192	5.4-
	320-379.9	143	7	150	1.3-
	380-539.9	102	5	107	30.1-
	540-639.9	64	9	73	7.6-
	640 and over	127	2	129	43.3+
	TOTAL	155394	252	155646	21.6

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NEWS RELEASE APRIL 13, 1983

FOR IMMEDIATE RELEASE

ARI REPORTS 1982 RESIDENTIAL INSTALLATIONS OF UNITARY EQUIPMENT AND COMMERCIAL INSTALLATIONS DECREASED

ARLINGTON, VIRGINIA -- Shipments of unitary air-conditioning equipment for use in residential installations decreased 19.9% in 1982 and commercial installations decreased 26.3% from 1981 figures, the Air-Conditioning and Refrigeration Institute announced this week.

There were 1,465,094 residential units shipped last year, accounting for 78.7% of installations. A total of 396,149, or 21.3% were for commercial installations.

The 1982 figures are in marked contrast to those posted in 1953, the first year for which statistics were available, when 66.9% of total unitary shipments went into commercial installations and only 33.1% into residential. However, the residential share passed the commercial portion two years later when it accounted for 56.5% of units shipped and has steadily drawn away from commercial installations.

The following tabulation shows the changing pattern in the shares of residential and commercial applications, and of exports, the latter first being reported in 1960.

		% of Total
1953		
Total	126,813	
Residential	41,992	33.1
Commercial	84,821	66.9
1954		
Total	160,909	
Residential	80,001	49.7
Commercial	80,908	50.3
1955		
Total	196,861	
Residential	111,158	56.5
Commercial	85,703	43.5
1956		
Total	254,403	
Residential	147,224	57.9
Commercial	107,179	42.1
1957		
Total	217,042	
Residential	126,071	58.1
Commercial	90,971	41.9
1958		
Total	230,541	
Residential	140,988	61.2
Commercial	89,553	38.8

1959			
	Total	306,814	
	Residential	191,923	62.6
	Commercial	114,891	37.4
1960			% of U.S.
	Total Shipments	350,442	
	Export	9,300	
	Total U.S.	341,122	
	Residential	217,148	63.7
	Commercial	123,974	36.3
1961			
	Total Shipments	365,764	
	Export	9,558	
	Total U.S.	356,206	
	Residential	238,206	66.9
	Commercial	118,000	33.1
1962			
	Total Shipments	467,719	
	Export	12,211	
	Total U.S.	455,508	
	Residential	305,190	67.0
	Commercial	150,318	33.0
1963			
	Total Shipments	580,099	
	Export	14,444	
	Total U.S.	565,655	
	Residentail	400,759	70.8
	Commercial	164,896	29.2
1964			
	Total Shipments	701,569	
	Export	17,233	
	Total U.S.	684,336	
	Residential	483,593	70.7
	Commercial	200,743	29.3
1965			
	Total Shipments	826,422	
	Export	20,682	
	Total U.S.	805,740	
	Residential	580,997	72.1
	Commercial	224,743	27.9

		% of U.S.
1966		
Total Shipments	958,546	
Export	20,663	
Total U.S.	937,883	
Residential	652,736	69.6
Commercial	285,147	30.4
1967		
Total Shipments	1,047,231	
Export	25,179	
Total U.S.	1,022,052	
Residential	714,025	69.9
Commercial	308,027	30.1
1968		
Total Shipments	1,234,611	
Export	30,412	
Total U.S.	1,204,199	
Residential	847,387	70.4
Commercial	356,812	29.6
1969		
Total Shipments	1,635,025	
Export	33,681	
Total U.S.	1,601,344	
Residential	1,174,570	73.3
Commercial	426,774	26.7
1970		
Total Shipments	1,616,018	
Export	44,027	
Total U.S.	1,571,991	
Residential	1,172,223	74.6
Commercial	399,768	25.4
1971		
Total Shipments	1,876,879	
Export	43,561	
Total U.S.	1,833,318	
Residential	1,408,413	76.8
Commercial	424,905	23.2
1972		
Total Shipments	2,436,455	
Export	44,125	
Total U.S.	2,392,330	
Residential	1,826,519	76.3
Commercial	565,811	23.7

		% of U.S.
1973		
Total Shipments	2,839,434	
Export	71,642	
Total U.S.	2,767,792	
Residential	2,147,546	77.6
Commercial	620,246	22.4
1974		
Total Shipments	2,488,828	
Export	99,404	
Total U.S.	2,389,424	
Residential	1,889,577	79.1
Commercial	499,847	20.9
1975		
Total Shipments	1,622,497	
Export	81,013	
Total U.S.	1,541,484	
Residential	1,174,578	76.2
Commercial	366,906	23.8
1976		
Total Shipments	2,327,559	
Export	168,349	
Total U.S.	2,159,210	
Residential	1,700,682	78.8
Commercial	458,528	21.2
1977		
Total Shipments	2,615,121	
Export	150,681	
Total U.S.	2,464,440	
Residential	1,999,924	81.2
Commercial	464,516	18.8
1978		
Total Shipments	2,821,479	
Export	106,842	
Total U.S.	2,714,637	
Residential	2,284,530	84.2
Commercial	430,107	15.8

		% of U.S.
1979		
Total Shipments	2,793,910	
Export	113,313	
Total U.S.	2,680,597	
Residential	2,158,237	80.5
Commercial	522,360	19.5
1980		
Total Shipments	2,293,080	
Export	126,366	
Total U.S.	2,166,714	
Residential	1,720,849	79.4
Commercial	445,865	20.6
1981		
Total Shipments	2,498,252	
Export	130,769	
Total U.S.	2,367,483	
Residential	1,828,991	77.3
Commercial	538,492	22.7
1982		
Total Shipments	1,959,523	
Export	98,280	
Total U.S.	1,861,243	
Residential	1,465,094	78.7
Commercial	396,149	21.3

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News

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NEWS RELEASE APRIL 13, 1983

FOR IMMEDIATE RELEASE

ARI REPORTS VALUE OF UNITARY AIR-CONDITIONING EQUIPMENT $5.2 BILLION DURING 1982

ARLINGTON, VIRGINIA -- The installed value of unitary air-conditioning equipment in the United States during 1982 decreased by 12.31% from the 1981 installed value, the Air-Conditioning and Refrigeration Institute reported recently.

Installed value of unitary equipment reached 5,204,164,136 down from the 1981 figure of 6,081,899,749.

Commercial installation accounted for $1,875,735,504 of the total while residential unitary installed value came to $3,328,428,632, according to estimates compiled by ARI's Business Research Department from information supplied by manufacturers.

"Installed value covers not only the cost of unitary air-conditionier as shipped from the factory, but also labor, ductwork, registers and grilles, thermostatic and other controls, electrical wiring and other componenets of the system which is engineered by the contractor or dealer.

"Unitary" represents the equipment used in most central residential installations plus some commercial and industrial installations which use packaged equipment.

The totals below show the growth of the unitary air-conditioning market over the past 27 years, particular central residential installations:

ESTIMATED INSTALLED VALUE OF UNITARY AIR-CONDITIONERS

YEAR	RESIDENTIAL	COMMERCIAL	TOTAL
1956	$ 174,011,400	$ 290,796,100	$ 464,807,500
1957	176,230,800	226,582,300	402,813,100
1958	204,602,850	219,489,200	424,092,050
1959	266,675,850	283,136,700	549,812,550
1960	318,477,150	312,648,350	631,125,500
1961	338,139,000	280,286,300	618,425,300
1962	408,623,850	345,652,300	754,276,150
1963	451,360,800	390,610,800	841,971,600
1964	532,020,800	464,249,600	996,270,400
1965	632,567,600	543,029,600	1,175,597,200
1966	718,252,000	671,604,400	1,389,856,400
1967	783,604,000	749,020,000	1,532,624,000
1968	950,191,600	834,616,000	1,784,807,600
1969	1,295,766,400	981,417,200	2,277,183,600
1970	1,360,817,315	986,784,758	2,347,602,073
1971	1,649,497,029	1,095,759,074	2,745,256,103
1972	2,163 792,878	1,352,464,750	3,516,257,628
1973	2,582,223,238	1,570,293,453	4,152,516,691
1974	2,433,902,714	1,477,470,080	3,911,372,974
1975	1,791,216,492	1,164,231,182	2,955,447,674
1976	2,683,372,806	1,437,146,797	4,120,519,603
1977	3,264,487,814	1,541,671,701	4,806,159,515
1978	3,940,958,613	1,587,475,305	5,528,433,918
1979	3,990,624,988	1,945,812,933	5,936,442,921
1980	3,355,429,440	1,830,580,224	5,186,009,644
*1981	3,795,551,720	2,268,348,029	6,081,899,749
1982	3,328,428,632	1,875,735,504	5,204,164,136

* Revised figures

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For further information contact: Susan Queeney (703) 524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE APRIL 11, 1983

ARI ANNOUNCES FEBRUARY UNITARY SHIPMENTS

ARLINGTON, VA -- February U.S. shipments of unitary air-conditioners and heat pumps were 167,717. This was an increase of 36.4% over February, 1982. Year-to-date shipments were 323,363, up 28.8% as compared to January - February figures a year ago.

Included in the total figures were February shipments of heat pumps which were 36,963. This is an increase of 46.1% compared to shipments in February, 1982. The cumulative shipments for heat pumps for the first 2 months of 1983 were 71,681. This is an increase of 34.0% over the same period of 1982.

February factory stocks are up 36,000 units over January and are down about 126,000 units compared to February, 1982.

February distributor shipments were up 40% over February a year ago. The year-to-date shipments are up 40%.

Distributor inventories are up 15,000 units compared to January and are down some 45,000 units from February, 1982.

February U.S. dollar bookings of hermetic centrifugals were down 41%, thus making the year-to-date down 23% compared with 1982.

February U.S. dollar bookings of reciprocating liquid chillers were down 12% with a year-to-date gain of 10%.

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Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date FEBRUARY, 1983

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE		U.S. TOTAL C	% CHG FROM 1982
			AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		2291		2291	.2-
	16.5-21.9		19986	9	19995	65.6+
	22-26.9		37980		37980	65.6+
	27-32.9		30456	1-	30455	35.8+
	33-38.9		34717	46	34763	29.1+
	39-43.9		11553	1	11554	35.8+
	44-53.9		12468		12468	17.1+
	54-64.9		11903	90	11993	14.6+
	65-96.9		2519	58	2577	5.1+
	97-134.9		1577	32	1609	8.7-
	135-184.9		924	38	962	12.4-
	185-249.9		448	14	462	12.3-
	250-319.9		202	6	208	24.9-
	320-379.9		122	11	133	15.8-
	380-539.9		105	13	118	37.9-
	540-639.9		50	4	54	53.0-
	640 and over		85	10	95	30.7-
	TOTAL		167386	331	167717	36.4

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FOR IMMEDIATE RELEASE JUNE 1, 1983

ARI ANNOUNCES MARCH UNITARY SHIPMENTS

ARLINGTON, VIRGINIA -- March U.S. shipments of unitary air-conditioners and heat pumps were 220,334. This was an increase of 34.5% over March, 1982. Year-to-date shipments were 543,697, up 31.1% as compared to January-March figures a year ago.

Included in the total figures were March shipments of heat pumps which were 49,497. This is an increase of 51.1% compared to shipments in March, 1982. The cumulative shipments for heat pumps for the first three months of 1983 were 121,178. This is an increase of 40.5% over the same period of 1982.

March factory stocks are up 11,000 units over February and are down about 134,000 units compared to March 1982.

March distributor shipments were up 26% over March a year ago. The year-to-date shipments are up 35%.

Distributor inventories are up 25,000 units compared to February and are down some 30,000 units from March, 1982.

March U.S. dollar bookings of hermetic centrifugals were down 9%, thus making the year-to-date down 16% compared with 1982.

March U.S. dollar bookings of reciprocating liquid chillers were down 12% with no movement in year-to-date.

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1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date MARCH, 1983

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE FROM 1982
CONDENSED SUMMARY BY SIZE	Under 16.5		3921		3921	45.6+
	16.5-21.9		24033	7	24040	79.3+
	22-26.9		46021	2	46023	58.2+
	27-32.9		42114	1	42115	39.9+
	33-38.9		43860	53	43913	18.8+
	39-43.9		18923	4	18927	34.1+
	44-53.9		16659		16659	16.6+
	54-64.9		15546	103	15649	9.8+
	65-96.9		4421	74	4495	11.7+
	97-134.9		2044	127	2171	3.5-
	135-184.9		1150	31	1181	7.0-
	185-249.9		343	17	360	9.1-
	250-319.9		274	27	301	2.0+
	320-379.9		199	19	218	1.4+
	380-539.9		126	8	134	33.7-
	540-639.9		76	8	84	26.3-
	640 and over		133	10	143	10.9+
	TOTAL		219843	491	220334	34.5

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FOR IMMEDIATE RELEASE JUNE 1, 1983

ARI ANNOUNCES APRIL UNITARY SHIPMENTS

ARLINGTON, VIRGINIA -- April U.S. shipments of unitary air-conditioners and heat pumps were 240,877. This was an increase of 30.0% over April 1982. Year-to-date shipments were 784,574, up 30.8% as compared to January-April figures a year ago.

Included in the total figures were April shipments of heat pumps which were 51,461. This is an increase of 71.8% compared to shipments in April, 1982. The cumulative shipments for heat pumps for the first 4 months of 1983 were 172,639. This is an increase of 48.6% over the same period of 1982.

April factory stocks are up 15,000 units over March and are down about 137,000 units compared to April 1982.

April distributor shipments were up 10% over April a year ago. The year-to-date shipments are up 27%.

Distributor inventories are up 46,000 units compared to March and are up some 8,000 units over April 1982.

April U.S. dollar bookings of hermetic centrifugals were down 19%, thus making the year-to-date down 17% compared with 1982.

April U.S. dollar bookings of reciprocating liquid chillers were down 19% with a year-to-date loss of 5%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Date APRIL, 1983

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

UNITED STATES

CONDENSED SUMMARY BY SIZE

SIZE BTUH (000)	NUMBER OF UNITS			% CHGE FROM 1982
	CONDENSER-TYPE		U.S. TOTAL C	
	AIR OR EVAP. COOLED A	WATER COOLED B		
Under 16.5	4628		4628	81.6+
16.5-21.9	27263	9	27272	129.5+
22-26.9	52703		52703	40.4+
27-32.9	44732	3	44735	30.4+
33-38.9	51466	76	51542	17.5+
39-43.9	17584	5	17589	19.2+
44-53.9	16818		16818	19.7+
54-64.9	16056	169	16225	.0
65-96.9	3612	69	3681	23.5-
97-134.9	2464	94	2558	12.6+
135-184.9	1285	45	1330	6.3-
185-249.9	582	30	612	1.4-
250-319.9	391	33	424	41.8+
320-379.9	221	23	244	1.2+
380-539.9	173	8	181	2.7-
540-639.9	116	16	132	28.2+
640 and over	189	14	203	97.1+
TOTAL	240283	594	240877	30.0

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FOR IMMEDIATE RELEASE

JULY 7, 1983

ARI ANNOUNCES MAY UNITARY SHIPMENTS

May U.S. shipments of unitary air-conditioners and heat pumps were 240,229. This was an increase of 24.9% over May 1982. Year-to-date shipments were 1,024,803, up 29.3% as compared to January - May figures a year ago.

Included in the total figures were May shipments of heat pumps which were 54,421. This is an increase of 50.8% compared to shipments in May, 1982. The cumulative shipments for heat pumps for the first five months of 1983 were 227,060. This is an increase of 49.1% over the same period of 1982.

May factory stocks are up 4,500 units over April and are down about 111,000 units compared to May 1982.

May distributor shipments were up 29% over May a year ago. The year-to-date shipments are up 27%.

Distributor inventories are up 10,700 units compared to April and are up some 4,400 units over May, 1982.

May U.S. dollar bookings of hermetic centrifugals were down 10%, thus making the year-to-date down 15% compared with 1982.

May U.S. dollar bookings of reciprocating liquid chillers were up 16% with a year-to-date loss of 1%.

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1815 North Fort Myer Drive, Arlington, Virginia 22209

Date MAY, 1983

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments

CONDENSED SUMMARY BY SIZE

SIZE BTUH (000)	UNITED STATES NUMBER OF UNITS			
	CONDENSER TYPE			
	AIR OR EVAP. COOLED A	WATER COOLED B	U.S TOTAL C	% CHGE. FROM 1982
Under 16.5	4323		4823	129.6+
16.5-21.9	29499	6	29505	40.5+
22-26.9	50431	4	50435	32.7+
27-32.9	43574		43574	25.6+
33-38.9	52156	126	52282	18.7+
39-43.9	16445	3	16448	22.4+
44-53.9	17281		17281	16.7+
54-64.9	17373	215	17588	13.1+
55-96.9	3268	148	3416	3.8-
97-134.9	2505	87	2592	12.6+
135-184.9	1418	33	1451	2.9+
185-249.9	312	20	332	29.4-
250-319.9	130	21	151	47.4-
320-379.9	91	22	113	53.5-
380-539.9	91	26	117	25.0-
540-639.9	49	12	61	50.8-
640 and over	52	8	60	51.6-
TOTAL	239498	731	240229	24.9

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NEWS RELEASE

FOR IMMEDIATE RELEASE

AUGUST 23, 1983

ARI ANNOUNCES JUNE UNITARY SHIPMENTS

ARLINGTON, VIRGINIA -- June U.S. shipments of unitary air-conditioners and heat pumps were 279,247. This was an increase of 31.2% over June, 1982. Year-to-date shipments were 1,304,050, up 29.7% as compared to January-June figures a year ago.

Included in the total figures were June shipments of heat pumps which were 54,570. This is an increase of 59.3% compared to shipments in June, 1982. The cumulative shipments for heat pumps for the first 6 months were 281,630. This is an increase of 51.0% over the same period.

June factory stocks are down 5,200 units from May and are down about 67,500 units compared to June 1982.

June distributor shipments were up 39% over June a year ago. The year-to-date shipments are up 30%.

Distributor inventories are up 11,400 units compared to May and are up some 1,100 units over June, 1982.

June U.S. dollar bookings of hermetic centrifugals were up 33%, thus making the year-to-date down 6% compared with 1982.

June U.S. dollar bookings of reciprocating liquid chillers were down 9% with a year-to-date loss of 3%.

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Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JUNE, 1983

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE FROM 1982
CONDENSED SUMMARY BY SIZE	Under 16.5		5877		5877	102.7+
	16.5-21.9		34063	2	34065	65.6+
	22-26.9		58985		58985	35.5+
	27-32.9		52663	1	52664	50.1+
	33-38.9		58209	88	58297	23.9+
	39-43.9		18705	1	18706	15.6+
	44-53.9		20108		20108	12.1+
	54-64.9		19944	206	20150	3.1+
	65-96.9		4316	75	4391	11.8+
	97-134.9		2672	78	2750	8.0-
	135-184.9		1713	45	1758	11.9+
	185-249.9		498	28	526	17.4-
	250-319.9		308	28	336	3.7-
	320-379.9		187	16	203	6.8+
	380-539.9		186	10	196	43.1+
	540-639.9		91	19	110	35.8+
	640 and over		123	2	125	23.8-
	TOTAL		278648	599	279247	31.2

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NEWS RELEASE

FOR IMMEDIATE RELEASE

SEPTEMBER 15, 1983

ARI ANNOUNCES JULY UNITARY SHIPMENTS

July U.S. shipments of unitary air-conditioners and heat pumps were 301,598. This was an increase of 55.9% over July 1982. Year-to-date shipments were 1,605,648, up 34.0% as compared to January-July figures a year ago.

Included in the total figures were July shipments of heat pumps which were 63,475. This is an increase of 64.2% compared to shipments in July, 1982. The cumulative shipments for heat pumps for the first 7 months of 1983 were 345,105. This is an increase of 53.0% over the same period of 1982.

July factory stocks are down 45,000 units from June and are down about 42,400 units compared to July 1982.

July distributor shipments were up 64% over July a year ago. The year-to-date shipments are up 36%.

Distributor inventories are down 25,200 units compared to June and are down some 18,300 units from July 1982.

July U.S. dollar bookings of hermetic centrifugals were down 50%, thus making the year-to-date down 14% compared with 1982.

July U.S. dollar bookings of reciprocating liquid chillers were down 26% with a year-to-date loss of 7%.

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Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JULY, 1983

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE FROM 1982
CONDENSED SUMMARY BY SIZE	Under 16.5		6246		6246	111.9+
	16.5-21.9		30881	1	30882	93.9+
	22-26.9		70729		70729	99.6+
	27-32.9		56630	1	56631	69.8+
	33-38.9		61914	79	61993	34.8+
	39-43.9		20365	1	20366	37.4+
	44-53.9		21945		21945	29.0+
	54-64.9		21265	186	21451	18.4+
	65-96.9		4424	115	4539	22.5+
	97-134.9		3127	85	3212	14.5+
	135-184.9		1810	45	1855	10.2+
	185-249.9		649	21	670	9.1+
	250-319.9		359	31	390	19.6+
	320-379.9		191	23	214	19.5-
	380-539.9		154	26	180	3.4+
	540-639.9		121	14	135	31.1+
	640 and over		152	8	160	34.5+
	TOTAL		300962	636	301598	55.9

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